

# Converting Colors

Hex(B164AD)

Have a look what the booklet for  
Hex(B164AD) contains.

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# **Color**

**Hex(B164AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B164AD
RGB	177, 100, 173
RGB Percent	69%, 39%, 68%
CMY	0.3059, 0.6078, 0.3216
CMYK	0.00, 0.44, 0.02, 0.31
HSL	303°, 33%, 54%
HSV	303°, 44%, 69%
XYZ	30.2315, 21.4786, 42.0876
YIQ	131.3450, 22.4590, 39.0270

# Conversions

## Conversions Part 2

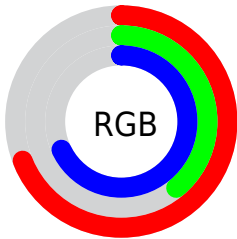
Format	Color
<a href="#">RYB</a>	<a href="#">177, 100, 173</a>
Decimal	<a href="#">11625645</a>
CIELab	<a href="#">53.47, 41.87, -25.91</a>
CIELCh	<a href="#">53, 49.240, 328.245</a>
Yxy	<a href="#">21.4786, 0.3223, 0.2290</a>
Android (android.graphics.Color)	<a href="#">4289815725 (0xFFB164AD)</a>
YUV	<a href="#">131.3450, 20.5359, 40.0394</a>
Hunter-Lab	<a href="#">46.3450, 35.3342, -21.4019</a>

# Details

The Hex color **B164AD** is a light color, and the websafe version is hex **996699**. A complement of this color would be **64B168**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **EA99E5**, and **7B3178** is the 20% darker color. If you saturate the color by 10%, you get **B152AC**, and if you desaturate by 10%, it is **B176AE**.

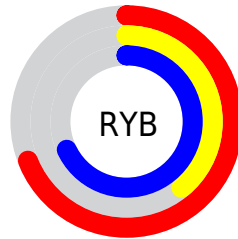
# Distribution



Red (69%)

Green (39%)

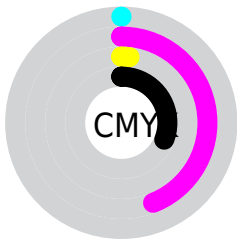
Blue (68%)



Red (69%)

Yellow (39%)

Blue (68%)

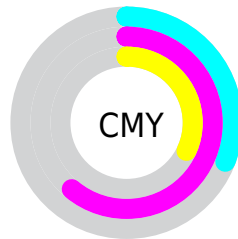


Cyan (0%)

Magenta (44%)

Yellow (2%)

Black (31%)



Cyan (31%)

Magenta (61%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B164AD changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B164AD by changing the saturation by 10% instead.



 B164AD

 B164AD

FFFFFF

 954A92

 EA99E5

 7B3178

 FFB4FF

 60175F

 FFD0FF

 470047

 FFEDFF

 2F0031

 11001B

 000000

 B164AD

 B164AD

 B152AC

 B176AE

 B141AB

 B187AF

 B12FAA

 B199B0

 B11DA9

 B1ABB1

 B10CA8

 B1BDB2

 B100A8

 B1CEB3

 B1E0B3

 B1F2B4

 B1FFB5

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7D76CB



B164AD



CA5984

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B164AD



997D25



0094A7

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



B164AD



64B168

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00947C



B164AD



6F8930

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B164AD



B96D37



349151



008FC7

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B164AD



CE5B68



349151



009499



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



B164AD



E6C8E4



6864B1



736072



F2F2F2



737373



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



B164AD



E66EDF



B16487



595059



990091



1A0018



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B164AD



E66EDF



64B18E



595059



990091



1A0018



# Previews

## White Background



This preview shows how the Hex color B164AD looks on a white background.

## Color Contrast Check

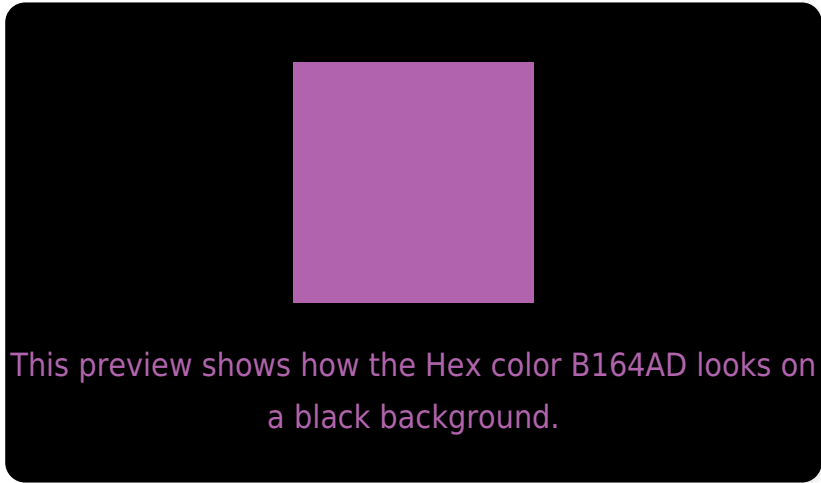
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

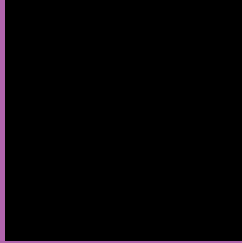
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B164AD Background



This preview shows how black text looks on a background with the Hex color B164AD.

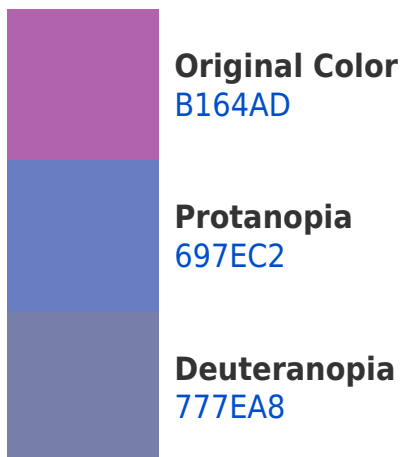


This preview shows how white text looks on a background with the Hex color B164AD.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

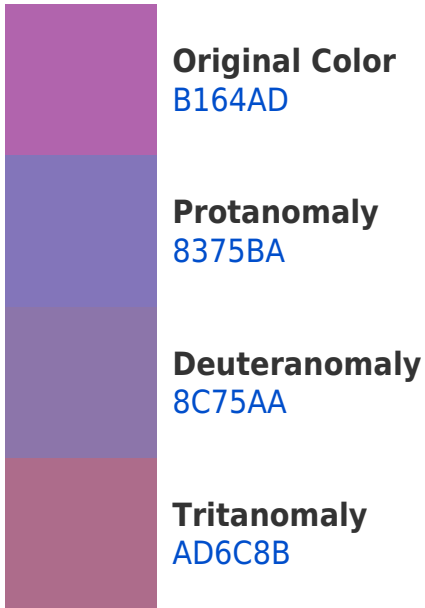
## Dichromacy



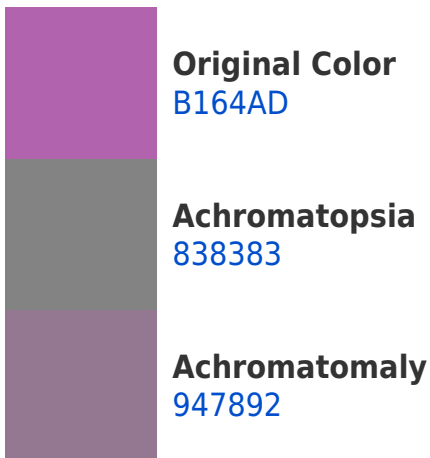


**Tritanopia**  
AA7078

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B164AD is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B164AD looks like.

```
.text, #text, p{  
  color:#B164AD  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B164AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B164AD
}
```

## Border

The CSS property to change the border of an element to Hex B164AD is called "border". The border property can be set on classes, ids or directly on the HTML element.

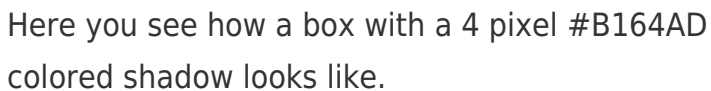
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B164AD }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B164AD }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #B164AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B164AD; -webkit-box-shadow:4px 4px  
4px 4px #B164AD; box-shadow:4px 4px 4px  
4px #B164AD }
```

# Background

The CSS property to change the background color of an element to Hex B164AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B164AD }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B164AD }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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